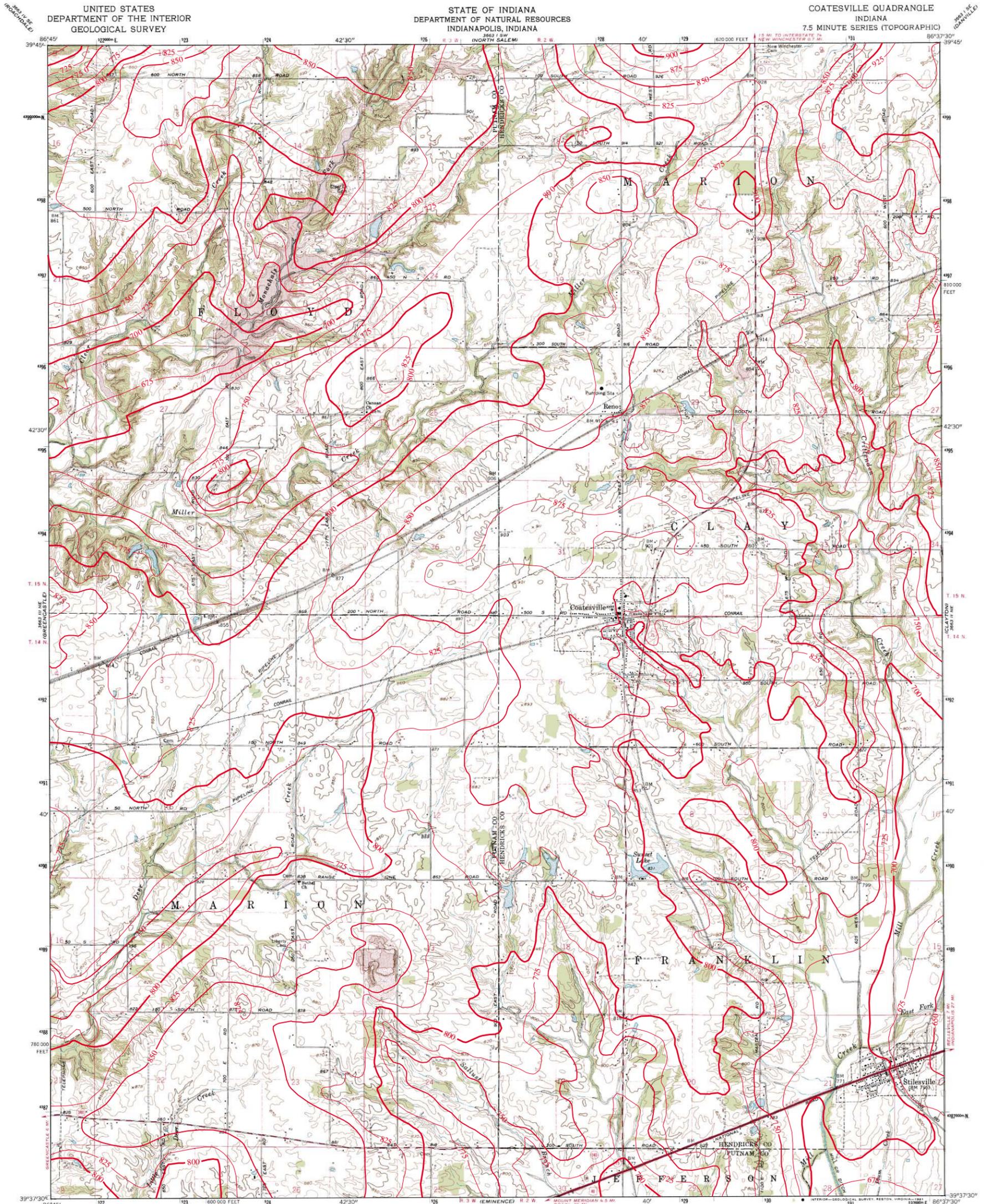
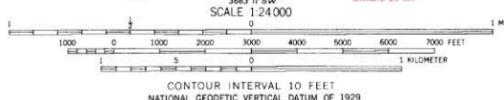


BEDROCK TOPOGRAPHY OF COATESVILLE QUADRANGLE, INDIANA



Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Topography by photogrammetric methods from aerial photographs taken 1956. Field checked 1958. Revised from aerial photographs taken 1969. Field checked 1970
 Polyconic projection
 10,000-foot grid based on Indiana coordinate system, west zone 1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue. 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 1 meter south as shown by dashed corner ticks
 Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked
 Map photoinspected 1983
 No major culture or drainage changes observed



ROAD CLASSIFICATION
 Primary highway, hard surface — Light-duty road, hard or improved surface
 Secondary highway, hard surface — Unimproved road
 Interstate Route — U. S. Route — State Route

COATESVILLE, IND.
 N 3937.5—W 8637.5/7.5
 PHOTOINSPECTED 1983
 1970
 PHOTOREVISED 1980
 DMA 3663 II NW—SERIES W851

Revisions shown in purple compiled in cooperation with State of Indiana agencies from aerial photographs taken 1977 and other source data. This information not field checked. Map edited 1980



This map was created by Glenn Grove, IDNR, Division of Water, Ground Water Section. The digital elevation grid of the bedrock surface was subtracted from the grid of the land surface and the resultant grid contoured in ArcInfo. The land surface elevation grid is from 1:24,000 scale digital topography by the U.S. Geological Survey, Reston, Virginia, 1999 and 2001. The bedrock surface elevation grid is from a digital map of the bedrock surface topography of Hendricks County. The bedrock surface contouring was done by Glenn Grove and Marvin Thompson, IDNR, Division of Water, Ground Water Section, 1999, at a scale of 1:24,000. The bedrock contouring in Putnam County was modified from Walter Hasenmueller, Indiana Geological Survey, unpublished work map.

Map generated by Glenn E. Grove
 IDNR, Division of Water, Ground Water Section
 January 08, 2002

Contour interval = 25 feet.